Additionally, while several embodiments of the present disclosure have been shown in the drawings and/or discussed herein, it is not intended that the disclosure be limited thereto, as it is intended that the disclosure be as broad in scope as the art will allow and that the specification be read likewise. Therefore, the above description should not be construed as limiting, but merely as exemplifications of particular embodiments. And, those skilled in the art will envision other modifications within the scope and spirit of the claims appended hereto. Other elements, steps, methods and techniques that are insubstantially different from those described above and/or in the appended claims are also intended to be within the scope of the disclosure.

[0149] The embodiments shown in drawings are presented only to demonstrate certain examples of the disclosure. And, the drawings described are only illustrative and are non-limiting. In the drawings, for illustrative purposes, the size of some of the elements may be exaggerated and not drawn to a particular scale. Additionally, elements shown within the drawings that have the same numbers may be identical elements or may be similar elements, depending on the context.

[0150] Where the term "comprising" is used in the present description and claims, it does not exclude other elements or steps. Where an indefinite or definite article is used when referring to a singular noun, e.g. "a" "an" or "the", this includes a plural of that noun unless something otherwise is specifically stated. Hence, the term "comprising" should not be interpreted as being restricted to the items listed thereafter; it does not exclude other elements or steps, and so the scope of the expression "a device comprising items A and B" should not be limited to devices consisting only of components A and B. This expression signifies that, with respect to the present disclosure, the only relevant components of the device are A and B.

[0151] Furthermore, the terms "first", "second", "third" and the like, whether used in the description or in the claims, are provided for distinguishing between similar elements and not necessarily for describing a sequential or chronological order. It is to be understood that the terms so used are interchangeable under appropriate circumstances (unless clearly disclosed otherwise) and that the embodiments of the disclosure described herein are capable of operation in other sequences and/or arrangements than are described or illustrated herein.

What is claimed is:

1. A hub, comprising:

a network interface component configured to communicate data with a medical device;

a first module configured to interface with a first communications channel;

a second module configured to interface with a second communications channel;

a processor configured to package the data from the medical device into at least one packet, wherein a packet of the at least one packet includes a header, the processor further configured to operatively communicate with one of the first and second modules to communicate the at least one packet over one of the first and second communications channels;

a failsafe bus configured to signal from the hub to the medical device when a fatal-error fault condition of the hub has occurred; and

an alarm wire bus configured to signal from the hub to the medical device when an alarm condition of the hub has occurred to cause the medical device to execute at least one mitigation.

2. The hub according to claim **1**, wherein the first communications channel is a first cellular network, and the second communications channel is a second cellular network.

3. The hub according to claim **1**, wherein the processor is further configured to associate the hub with one of an identification value, a patient, the medical device, and a treatment.

4. The hub according to claim **1**, further comprising a plain-old-telephone-service component, wherein the processor is configured to route the packet through the plain-old-telephone-service component when the first and second communications channels are unavailable.

5. The hub according to claim **1**, wherein:

the first communications channel is through a LAN, and

the at least one mitigation includes lowering a LAN-connection bandwidth of the LAN.

6. The hub according to claim **1**, wherein the at least one mitigation includes using an internal cellular connection to communicate with a network.

7. The hub according to claim **1**, wherein the at least one mitigation includes using an internal cellular connection to communicate with a network defined by the first communications channel.

8. The hub according to claim **1**, wherein the medical device communicates to the hub a list of conditions of the hub that trigger the alarm condition.

9. The hub according to claim **1**, wherein the alarm condition is a function of a capability of a network.

10. The hub according to claim **1**, wherein the alarm condition is a function of a performance of a network.

11. The hub according to claim **1**, wherein the alarm condition is a function of a capability of the hub.

12. The hub according to claim **1**, wherein the alarm condition is a function of a performance of the hub.

13. The hub according to claim **1**, wherein the medical device is configured to operate independently of the hub when the fatal-error fault condition of the hub occurs.

14. The hub according to claim **1**, wherein the medical device communicates to the hub a list of conditions of the hub that trigger the fatal-error fault condition.

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